## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("7,660,368").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/14 06:47
L2	9	("20040038653"   "20060171283"   "20060198454"   "20060227901"   "20080086670"   "6571366"   "7386072"   "7492701"   "7570694"). PN. OR ("7660368"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/14 06:48
L3	186	((FUYUN) near2 (LING)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/14 06:51
L4	45	3 and LLR	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/14 06:51
L5	29	("6078626"   "6201954"). PN. OR ("6377607"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/14 06:55
L6	2	("20050068918").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/14 06:57
L7	9	("6078626"   "6201954"   "6377607").PN. OR ("6975669").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/14 06:59
L8	4	("20020161560"   "20060078075"   "5657354"   "6975669"). PN. OR ("7321643"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/14 07:00
L14	1	((LLR or euclidean or max) near2 method) same ((hierarchical or layer\$4) near2 modulat \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/14 07:12

L15	347	((LLR or euclidean or max)) same ((hierarchical or layer\$4) near2 modulat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/14 07:12
L16	19	((LLR or euclidean)) same ((hierarchical or layer\$4) near2 modulat \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/14 07:12
L17	85	((LLR or euclidean)) and ((hierarchical or layer\$4) near2 modulat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/14 07:13
L18	89	((LLR or euclidean)) and ((hierarchical\$4 or layer \$4) near2 modulat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/14 07:18
L19	13	(base adj layer) same (enhancement adj layer) same LLR	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/14 07:19
L20	9	(base adj layer) same (enhancement adj layer) and (table or look\$1up or memory or storage or stor\$4 or buffer) same ((likelihood adj ratio) or LLR)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/14 08:06
L22	117	(layer) same (table or look\$1up or memory or storage or stor\$4 or buffer) same ((likelihood adj ratio) or LLR)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/14 08:06
L23	0	(layer) same (table or look\$1up or memory or storage or stor\$4 or buffer) same ((likelihood adj ratio) or LLR) same pilot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/14 08:07

L24	8	(layer) and (table or look \$1up or memory or storage or stor\$4 or buffer) same ((likelihood adj ratio) or LLR) same pilot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/14 08:07
L25	0	(layer) and (look\$1up or LUT) same ((likelihood adj ratio) or LLR) same pilot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/14 08:08
L26	24	(layer) and (look\$1up or LUT) same ((likelihood adj ratio) or LLR)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/14 08:08
L27	8	("4742533"   "6005897"   "6119083"   "6275523"   "6335954"   "6594318"   "7006841"   "7099384").PN. OR ("7464318").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/14 08:11
L28	5	("20030076870"   "20030097629"   "7003709").PN. OR ("7376209").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/14 08:11
L29	5		US-PGPUB; USPAT; USOCR	OR	ON	2010/09/14 08:13
L30	15	(hierarchical\$3) and (look \$1up or LUT) same ((likelihood adj ratio) or LLR)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/14 08:14
L31	2	(MULTI\$1LAYER\$2) and (look\$1up or LUT) same ((likelihood adj ratio) or LLR)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/14 08:18
L32	42	(look\$1up or LUT) with ((likelihood adj ratio) or LLR) same decod\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/14 08:19

L33	9	("20020051501"   "20050045896"   "20070286292"   "4773038"   "6594318"   "6661832"   "6834088"   "7185260"   "7343530"). PN. OR ("7796700"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/14 08:22
L34	19	("5446747"   "5487075"   "6023783"   "6128765"   "6192501"   "6252917"   "6292918"   "6304995"   "6304996"   "6400290"   "6499128"   "6510536"   "6525680"   "6542559"   "6725409"   "6785859"   "6868518"   "6892335").PN. OR ("7073114").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/14 08:34
L35	2	("7616706").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/14 10:03
L36	2	("20060227901").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/14 10:04
L38	49	(feng near2 wu) and enhancement adj layer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/14 10:07
L39	34	("5418571"   "6172672"   "6212208"   "6330280").PN. OR ("6614936").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/14 10:11
L40	9	("5515377"   "6233356"   "6292512"   "6510177"   "6614936"   "6658157"   "7133449"   "7146056").PN. OR ("7519118").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/14 10:12
S1	100	((WEN) near2 (GAO)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/13 07:13
S2	25	((JOSHUA) near2 (KOSLOV)).INV.	USPAT; USOCR	OR	ON	2010/09/13 07:15

S3	52	((JOSHUA) near2 (KOSLOV)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/13 07:16
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S12	2	"10165710".rlan.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/09/13 08:36

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"6369648"   "6377116"   "6389002"   "6404819"   "6411659"   "6411797"   "6426822"   "6429740"   "6433835"   "652977"   "6477398"   "6501804"   "6515713"   "6529715"   "6535497"   "6535801"   "6539050"   "6556639"   "6574235"   "6577353"   "6597750"   "6657978"   "6661761"   "6678336"   "6700442"   "6718184"   "6721300"   "6731622"   "6731698"   "6731700"   "6745050"   "6754872"   "6772182"   "6775521"   "6795496"   "6803814"). PN. OR ("6809587"   "6891897"   "6892068"   "6922436"   "6922439"	: 8	•			
"6389002"   "6404819"   "6411659"   "6411797"   "6426822"   "6429740"   "6433835"   "6452977"   "6477398"   "6501804"   "6515713"   "6529715"   "6535497"   "6535801"   "6539050"   "6556639"   "6574235"   "6577353"   "6597750"   "6657978"   "6661761"   "6678336"   "6700442"   "6718184"   "6721300"   "6731622"   "6731698"   "6731700"   "6745050"   "6754872"   "6772182"   "6775521"   "6795496"   "6803814"). PN. OR ("6809587"   "6891897"   "6892068"   "6922436"   "6922439"		•			
"6411659"   "6411797"   "6426822"   "6429740"   "6433835"   "6452977"   "6477398"   "6501804"   "6515713"   "6529715"   "6535497"   "6535801"   "6539050"   "6556639"   "6574235"   "6577353"   "6597750"   "6657978"   "6661761"   "6678336"   "6700442"   "6718184"   "6721300"   "6731622"   "6731698"   "6731700"   "6745050"   "6754872"   "6772182"   "6775521"   "6795496"   "6803814"). PN. OR ("6809587"   "6891897"   "6892068"   "6922436"   "6922439"	: 5	•			
"6426822"   "6429740"   "6433835"   "6452977"   "6477398"   "6501804"   "6515713"   "6529715"   "6535497"   "6535801"   "6539050"   "6556639"   "6574235"   "6577353"   "6597750"   "6657978"   "6661761"   "6678336"   "6700442"   "6718184"   "6721300"   "6731622"   "6731698"   "6731700"   "6745050"   "675521"   "6772182"   "6775521"   "6795496"   "6803814"). PN. OR ("6809587"   "6891897"   "6892068"   "6922436"   "6922439"					
"6433835"   "6452977"   "6477398"   "6501804"   "6515713"   "6529715"   "6535497"   "6535801"   "6539050"   "6556639"   "6574235"   "66577353"   "6597750"   "6657978"   "6661761"   "6678336"   "6700442"   "6718184"   "6721300"   "6731622"   "6731698"   "6731700"   "6745050"   "6754872"   "6772182"   "6775521"   "6795496"   "6803814"). PN. OR ("6809587"   "6891897"   "6892068"   "6922436"   "6922439"	: §	•			
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"6535497"   "6535801"   "6539050"   "6556639"   "6574235"   "6577353"   "6597750"   "66657978"   "6661761"   "6678336"   "6700442"   "6718184"   "6721300"   "6731622"   "6731698"   "6731700"   "6745050"   "6754872"   "6772182"   "6775521"   "6795496"   "6803814"). PN. OR ("6809587"   "6891897"   "6892068"   "6922436"   "6922439"		•			
"6539050"   "6556639"   "6574235"   "6577353"   "6597750"   "6657978"   "6661761"   "6678336"   "6700442"   "6718184"   "6721300"   "6731622"   "6731698"   "6731700"   "6745050"   "6754872"   "6772182"   "6775521"   "6795496"   "6803814"). PN. OR ("6809587"   "6891897"   "6892068"   "6922436"   "6922439"		•			
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"6661761"   "6678336"   "6700442"   "6718184"   "6721300"   "6731622"   "6731698"   "6731700"   "6745050"   "6754872"   "6772182"   "6775521"   "6795496"   "6803814"). PN. OR ("6809587"   "6891897"   "6892068"   "6922436"   "6922439"	: §	•			
"6700442"   "6718184"   "6721300"   "6731622"   "6731698"   "6731700"   "6745050"   "6754872"   "6772182"   "6775521"   "6795496"   "6803814"). PN. OR ("6809587"   "6891897"   "6892068"   "6922436"   "6922439"	3	•			
"6721300"   "6731622"   "6731698"   "6731700"   "6745050"   "6754872"   "6772182"   "6775521"   "6795496"   "6803814"). PN. OR ("6809587"   "6891897"   "6892068"   "6922436"   "6922439"	: §	•			
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"6745050"   "6754872"   "6772182"   "6775521"   "6795496"   "6803814"). PN. OR ("6809587"   "6891897"   "6892068"   "6922436"   "6922439"	: §	•			
"6772182"   "6775521"   "6795496"   "6803814"). PN. OR ("6809587"   "6891897"   "6892068"   "6922436"   "6922439"	- 3	•			
"6795496"   "6803814"). PN. OR ("6809587"   "6891897"   "6892068"   "6922436"   "6922439"		•			
PN. OR ("6809587"   "6891897"   "6892068"   "6922436"   "6922439"	: 3	•			
"6891897"   "6892068"   "6922436"   "6922439"	: }	•			
"6922436"   "6922439"	: 5	•			
		•			
	: \$				
"6934314"   "6947741"	6934314"	694//41"			

	***************************************	"6956841"   "6956924"   "6970496"   "6980609"   "6990627"   "6999510"   "7041406"   "7054384"   "7073116"   "7079585"   "7154958"   "7173981"   "7184473"   "7209524"   "7230992"   "7239876"   "7251291"   "7263119"   "RE31351").PN. OR ("7706466").URPN.		***************************************		
S17	6	S16 and LLR	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/13 08:50
S18	6	S15 and LLR	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/13 08:51
S19	0	S14 and LLR	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/13 08:51
S20	0	S10 and LLR	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/13 08:51
S21	8	S10 and metric	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/13 08:51
S22	2	"10519322".rlan.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/09/13 08:57
S23	4	"10519322".rlan. or ("10".src. and "519322". ap.)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/09/13 08:58
S24	21	S10 and ((look adj up) or LUT)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/13 08:59
\$25	0	((hierarchical OR multi \$1layer) adj modulation) same (low\$2 adj (level OR layer OR priority)) with (table OR look-up OR LUT) and ((soft adj metric) OR LLR OR log- likelihood-ratio)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/13 09:03
S26	2	((hierarchical OR multi \$1layer) adj modulation) and (low\$2 adj (level OR layer OR priority)) with (table OR look-up OR LUT) and ((soft adj metric) OR LLR OR log- likelihood-ratio)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/13 09:03

S27	2	((hierarchical OR multi \$1layer) adj modulation) and (low\$2 adj (level OR layer OR priority)) with (table OR look-up OR LUT) and ((soft adj metric) OR LLR OR log adj likelihood)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/13 09:05
S28	2	((hierarchical OR multi \$1layer) adj modulation) and (low\$2 adj (level OR layer OR priority)) with (table OR look-up OR LUT) and ((metric) OR LLR OR (log adj likelihood))	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/13 09:06
S29	3	((hierarchical OR multi \$1layer) adj modulation) and (low\$2 adj (level OR layer OR priority)) with (table OR look-up OR LUT or memory or buffer) and ((metric) OR LLR OR (log adj likelihood))	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/13 09:06
S30	3	((hierarchical OR multi \$1layer) adj modulation) and ((SD or low\$2) adj (level OR layer OR priority)) with (table OR look-up OR LUT or memory or buffer) and ((metric) OR LLR OR (log adj likelihood))	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/13 09:08
S31	5	((hierarchical OR multi \$1 layer) adj modulation) and ((SD or low\$2) adj (level OR layer OR priority)) and (DVB-s2) and ((metric) OR LLR OR (log adj likelihood))	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/13 09:12

<b>S</b> 32	17	("20020051501"   "20040019845"   "20040054960"   "20040086059"   "20040268205"   "20050063484"   "20050091565"   "20050166133"   "20050262424"   "20050268206"   "6829308"   "6895547"   "7000168"   "7020829"   "7334181").PN. OR ("7483496").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/13 09:14
S33	17	("20020051501"   "20040019845"   "20040054960"   "20040086059"   "20040268205"   "20050063484"   "20050091565"   "20050091570"   "20050166133"   "20050262424"   "20050268206"   "6829308"   "6895547"   "7000168"   "7020829"   "7334181").PN. OR ("7483496").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/13 09:16
S34	18	"6486716"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/13 09:55
<b>S</b> 35	20	("5118975"   "5451894"   "5550514").PN. OR ("6486716").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/13 09:55
S36	70	(feedback with reference with (phase adj (comparator or detector)) same latch\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/13 10:00

## **EAST Search History (Interference)**

< This search history is empty>

## 9/14/2010 5:41:05 PM

 $\textbf{C:} \ \textbf{Documents} \ \textbf{and Settings} \ \textbf{afotakis} \ \textbf{My Documents} \ \textbf{EAST} \ \textbf{Workspaces} \ \textbf{10555617-1.wsp}$